

SENSORS INCORPORATED

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Intelligent Multifunction Micro Drive VFD-E/EL

New Generation Micro-type and Multifunction AC Motor Drives



- ▶ Optional expansion modules for more flexible applications (PG cards for VFD-E series, highspeed fieldbus, braking modules, I/O card for VFD-E series)
- ▶ Fans with modular design for easy maintenance and replacement
- ▶ Built-in EMI filter for 230V single-phase and 460V models to minimize the electromagnetic interference effectively
- ▶ Built-in RFI Switch for noise suppression (all models)
- ▶ Built-in 500 steps PLC programming capacity (VFD-E Series)
- ▶ Supports common DC bus. The regenerative energy generated during braking is shared by the parallel connected AC motor drives to make the DC bus voltage of each drive more stable
- ▶ Innovative thermal design allows side-by-side installation and DIN RAIL mounting
- ▶ Built-in PID feedback control. The VFD-EL series also provides special functions for constant pressure pump
- ▶ Built-in RS-485, compatible with Modbus communication (baud rate up to 38400 bps)
- ▶ VFD-E series offers two types of models for selection, the CANopen drive with CANopen communication protocols and the plate drive with no fan and cooling fins installed



Power Range	200W 0.25HP	400W 0.5HP	750W 1HP	1.5kW 2HP	2.2kW 3HP	3.7kW 5HP	5.5kW 7.5HP	7.5kW 10HP	11kW 15HP	15kW 20HP	18.5kW 25HP	22kW 30HP
VFD-E	115V 1-phase											
	230V 1-phase											
	230V 3-phase											
	460V 3-phase											
VFD-EL	115V/1-phase											
	230V/1-phase											
	230V/3-phase											
	460V/3-phase											

- ▶ **Built-in PLC Function**
Easy to write PLC program



- ▶ **Side-by-side Installation (40°C)**
High-efficiency cooling and flexible space



- ▶ **Easy Maintenance**
Removable cooling fan



- ▶ **Various communication modules**

PROFIBUS (CME-PD01)



DeviceNet (CME-DN01)



LonWorks (CME-LW01)



CANopen (CME-COP01)



Applications



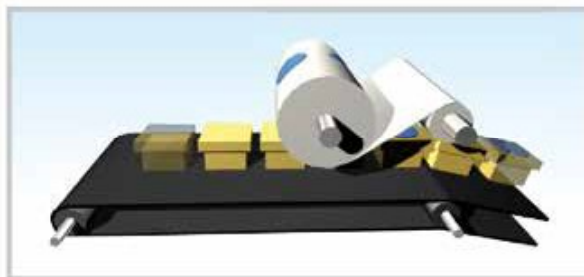
▲ Food packaging machines



▲ Textile machines



▲ Punching machines



▲ Conveyor belts